

RESPONSE - RESTRICTION REQUIREMENT
Application No. 10/640,986
Attorney Docket No. EP-7606

Listing of Claims of Elected Invention

What Is Claimed Is:

1. A combustion additive comprising iron naphthenate and a hydrocarbonaceous solvent, the additive having a flash point greater than about 55° C.
2. The combustion additive described in claim 1, wherein the iron concentration in the additive is greater than 15 g/L.
3. The combustion additive described in claim 2, wherein the iron concentration in the additive is greater than 22 g/L.
4. The combustion additive described in claim 2, wherein the iron concentration in the additive is approximately 23.6 g/L.
5. The combustion additive described in claim 1, wherein the flash point of the solvent is about 150° F.
6. The combustion additive described in claim 1, wherein the solvent is an aromatic solvent.

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7. The combustion additive described in claim 1, wherein the additive is adapted to be added to a diesel fuel.

8. The combustion additive described in claim 1, wherein the solvent has a boiling range of 150-400° C.

9. The combustion additive described in claim 1, wherein the solvent has an average molecular weight of 131-133 g/mol.

10. The combustion additive described in claim 9, further wherein the solvent has a viscosity at 25° C of 1.2 mm²/s.

11. The combustion additive described in claim 9, further wherein the solvent has a density at 15° C of 0.880-0.910 g/ml.

12. The combustion additive described in claim 1, where in the additive has a viscosity at 40° C of no more than 1.70 mm²/s.

13. The combustion additive described in claim 1, wherein the additive has an iron concentration of 22.3 to 25.0 g/L, viscosity at 40° C of no more than 1.70 mm²/s, a boiling range of solvent of 170-300° C, and a cloud point less than -40° C.